

TECHNIQUES FOR SYNTHESIS INTEGRITY EVALUATION UTILIZING CYCLE FIDELITY PROBES

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ABSTRACT

Techniques for designing polymer probes to verify the integrity of the probe
synthesis are provided. Multiple probes with identical sequences are designed so that the
10 probes will be formed utilizing at least one different monomer addition cycle. Based on
the probes affinity to a control target, variations (*e.g.*, errors) in probe synthesis may be
identified.